

FIG. 1

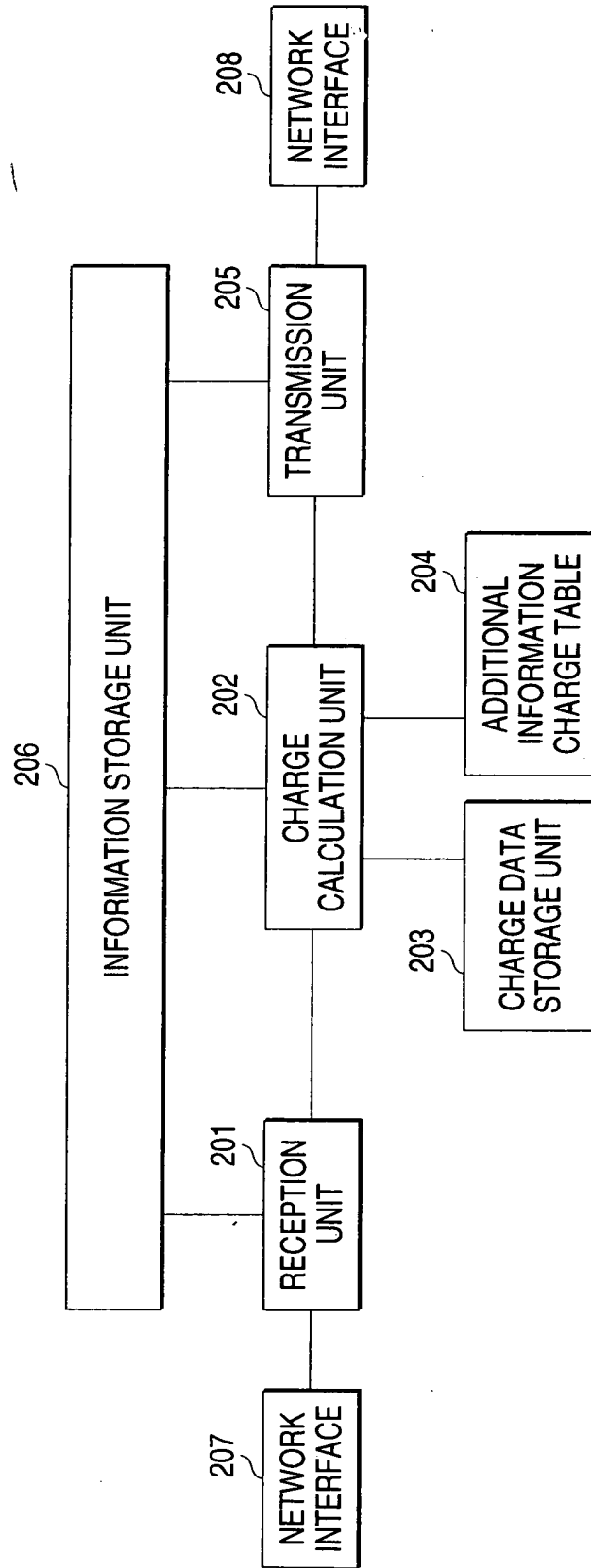


FIG. 2 (a)

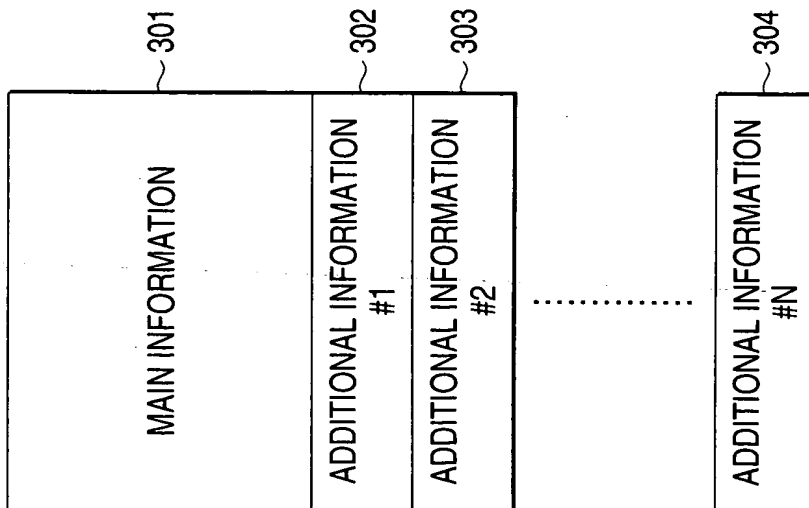


FIG. 2 (b)

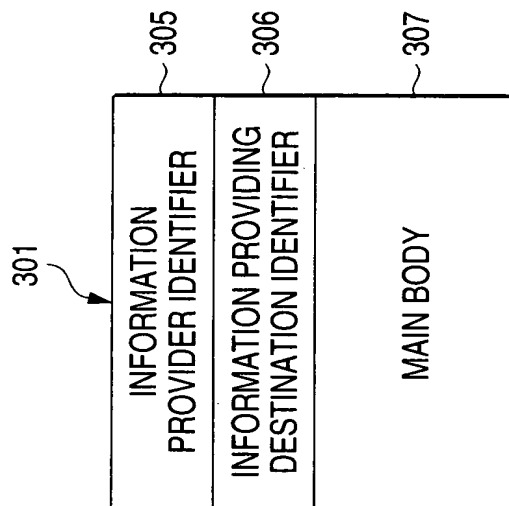
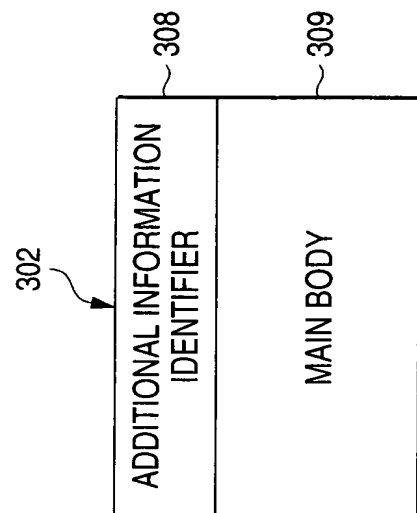
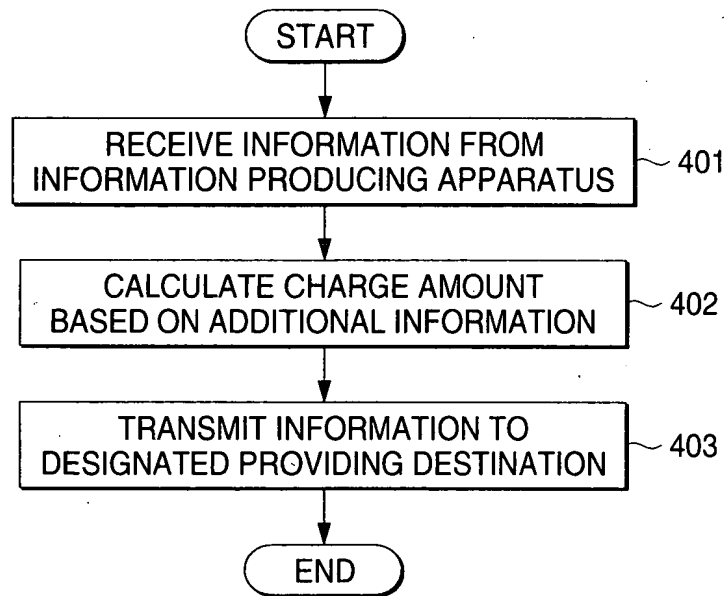


FIG. 2 (c)



*FIG. 3**FIG. 4*

ADDITIONAL INFORMATION IDENTIFIER	CHARGE AMOUNT
1	-100
2	-200
3	100
4	100
5	-100
6	-300

FIG. 5

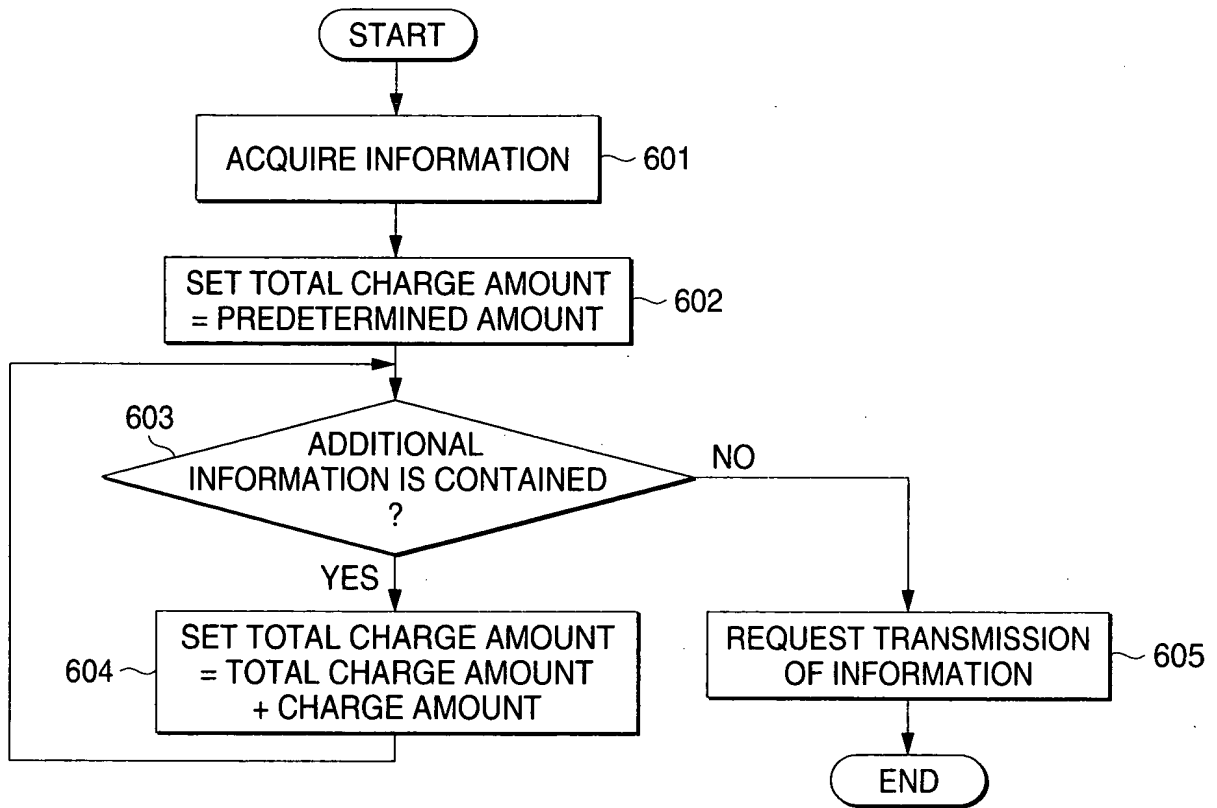


FIG. 6

INFORMATION IDENTIFIER	RECEPTION TIME INSTANT	INFORMATION PROVIDER IDENTIFIER	INFORMATION PROVIDING DESTINATION IDENTIFIER	ADDITIONAL INFORMATION IDENTIFIER	TOTAL CHARGE AMOUNT
1001	12:45, SEPTEMBER 9, 1999	1234567	12	5	900
1012	13:34, SEPTEMBER 9, 1999	2345678	8, 10	4	1100
1004	13:40, SEPTEMBER 9, 1999	4567123	1	2, 4	900
1024	15:05, SEPTEMBER 9, 1999	56789	3, 9, 13	6, 5, 4, 3	800
986	16:00, SEPTEMBER 9, 1999	1256789	4, 9, 12		1000

701

702

703

704

705

FIG. 7

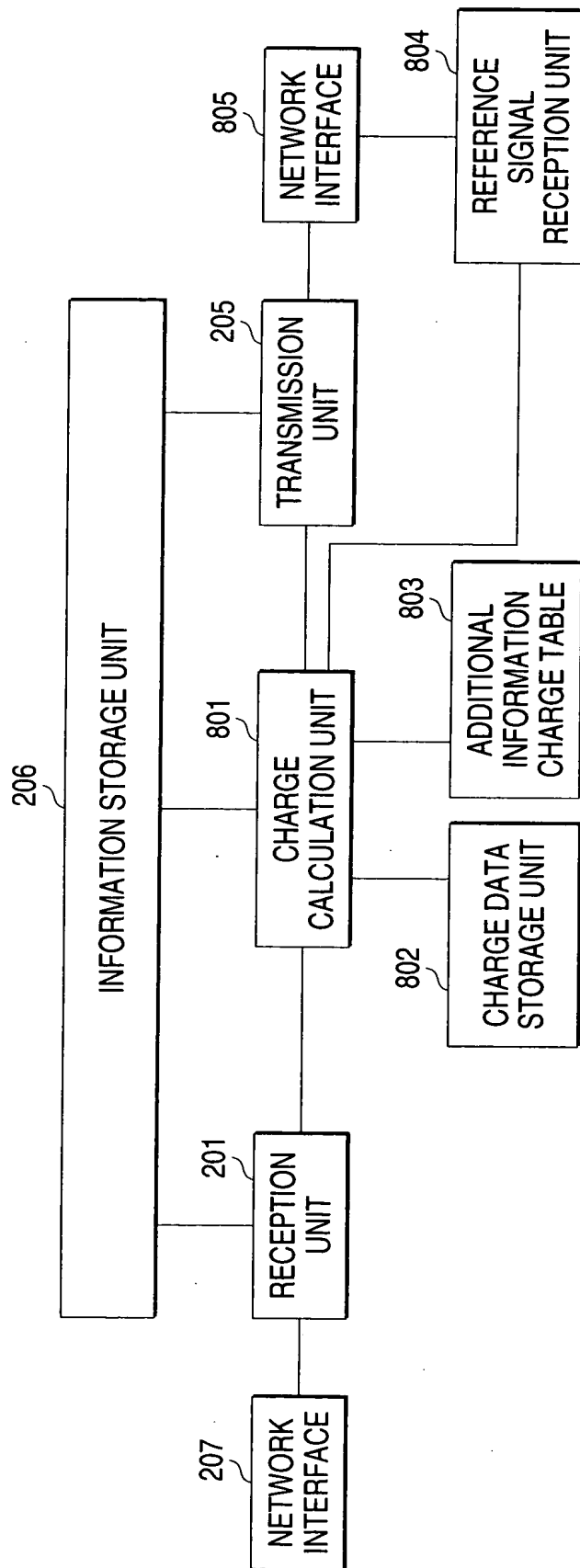


FIG. 8

ADDITIONAL INFORMATION IDENTIFIER	CHARGE AMOUNT	CHARGE AMOUNT DURING ADDITIONAL INFORMATION REFERENCE
1	-100	-100
2	-200	-200
3	100	-200
4	100	100
5	-100	-100
6	-300	-300

FIG. 9

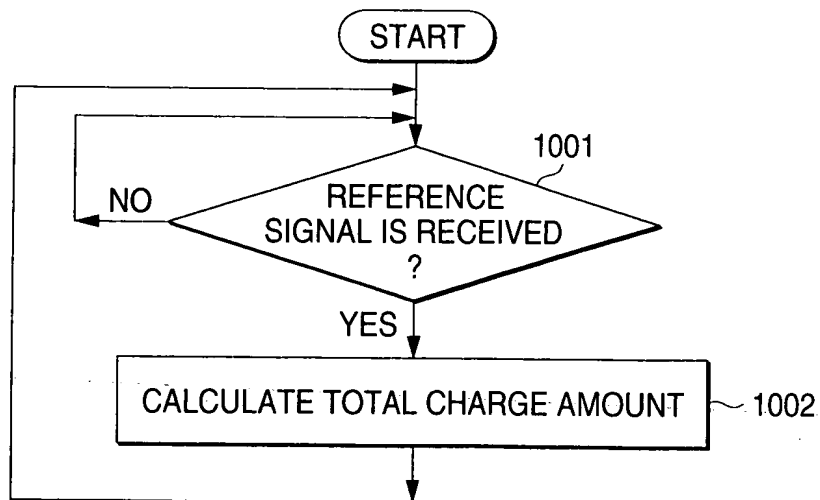


FIG. 10 (a)

INFORMATION IDENTIFIER	RECEPTION TIME INSTANT	INFORMATION PROVIDER IDENTIFIER	INFORMATION PROVIDING DESTINATION IDENTIFIER	ADDITIONAL INFORMATION IDENTIFIER	TOTAL CHARGE AMOUNT
1001	12:45, SEPTEMBER 9, 1999	1234567	12	5	900
1012	13:34, SEPTEMBER 9, 1999	2345678	8, 10	4	1100
1004	13:40, SEPTEMBER 9, 1999	4567123	1	2, 4	900
1024	15:05, SEPTEMBER 9, 1999	56789	3, 9, 13	6, 5, 4, 3	800
986	16:00, SEPTEMBER 9, 1999	1256789	4, 9, 12		1000

**FIG. 10 (b)**

INFORMATION PROVIDER IDENTIFIER	ADDITIONAL INFORMATION IDENTIFIER	REFERENCE TIME INSTANT	CHARGE AMOUNT
1234567	5	13:40, SEPTEMBER 9, 1999	-100
2345678	4	13:45, SEPTEMBER 9, 1999	100
4567123	2	14:42, SEPTEMBER 9, 1999	-200
56789	3	15:58, SEPTEMBER 9, 1999	-200
4567123	4	17:34, SEPTEMBER 9, 1999	100



FIG. 11

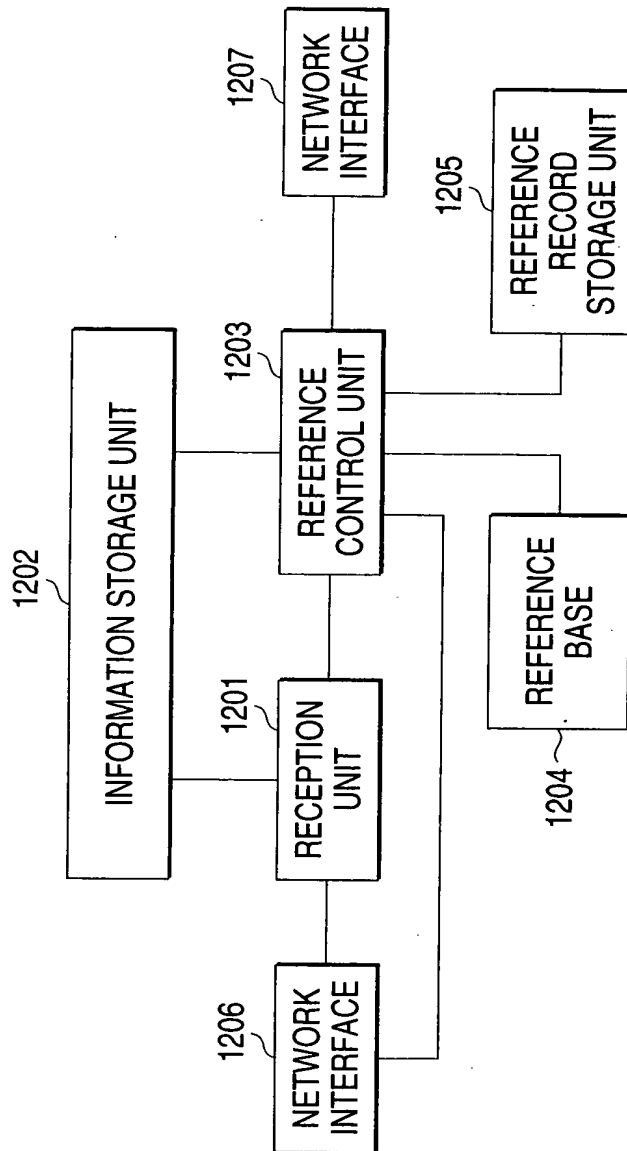


FIG. 12

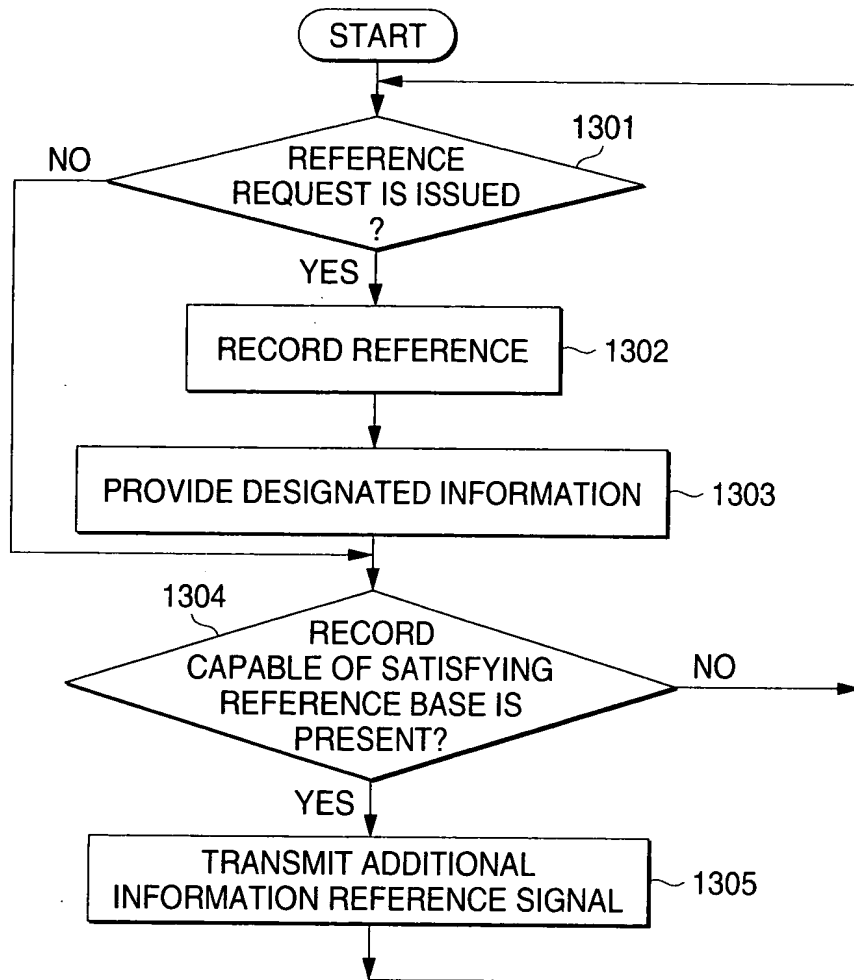


FIG. 13

REFERENCE TIME INSTANT	INFORMATION CONSUMER IDENTIFIER	INFORMATION PROVIDER IDENTIFIER	ADDITIONAL INFORMATION IDENTIFIER	INFORMATION IDENTIFIER	REFERENCE SIGNAL
13:35, SEPTEMBER 9, 1999	A	1234567		2034	NO NEED
13:40, SEPTEMBER 9, 1999	A	1234567	5	2034	COMPLETE
13:42, SEPTEMBER 9, 1999	A	1256789		2105	NO NEED
13:45, SEPTEMBER 9, 1999	B	2345678	4	2057	COMPLETE
13:46, SEPTEMBER 9, 1999	C	345	10	2098	COMPLETE
13:47, SEPTEMBER 9, 1999	B	2345678		2057	NO NEED

1401

1402

1403

FIG. 14

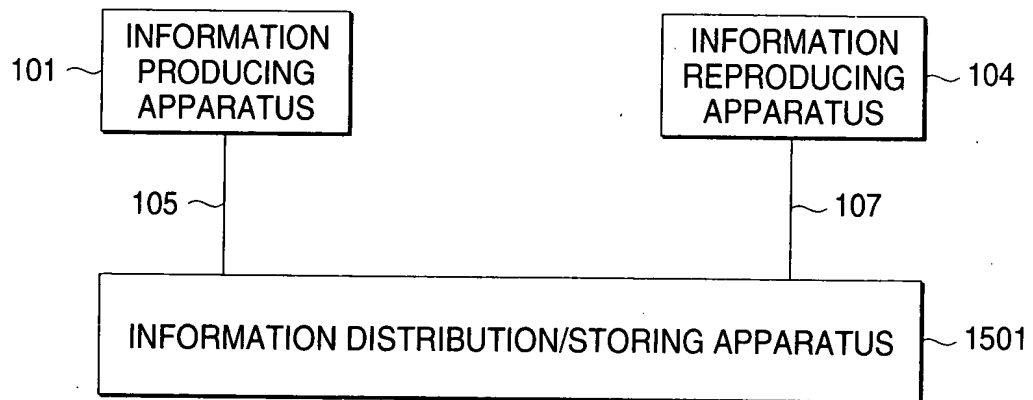


FIG. 15

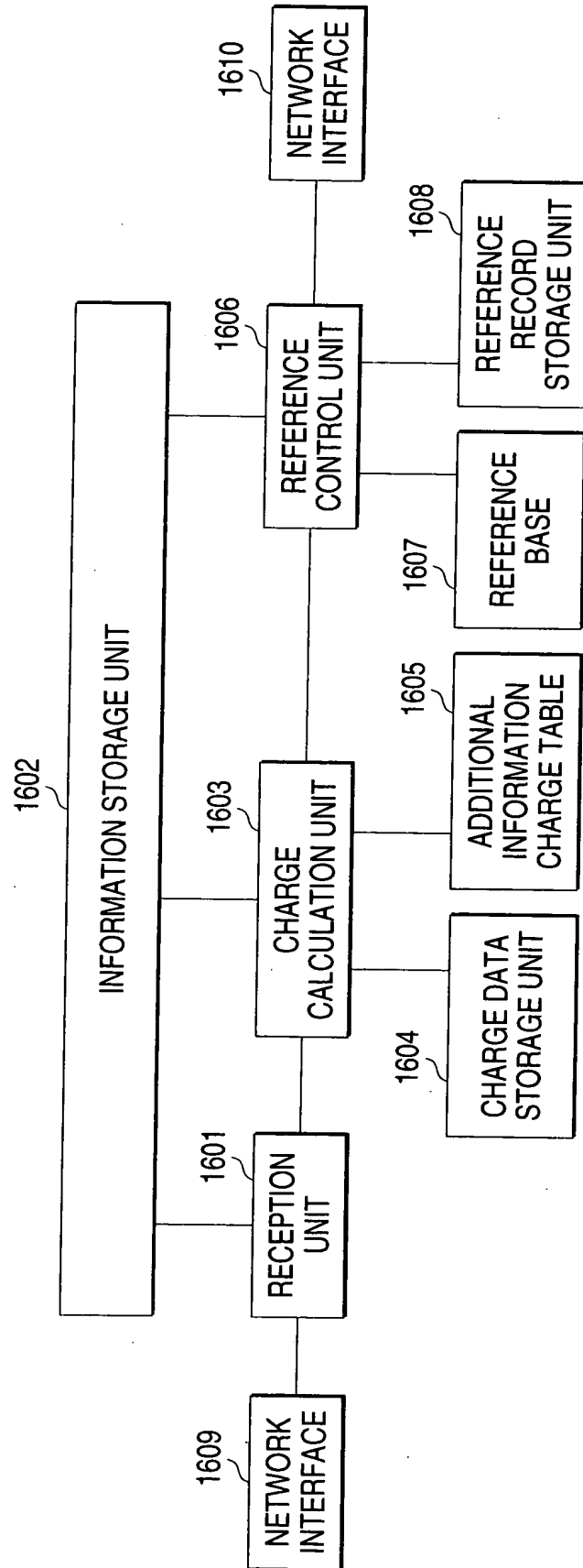


FIG. 16

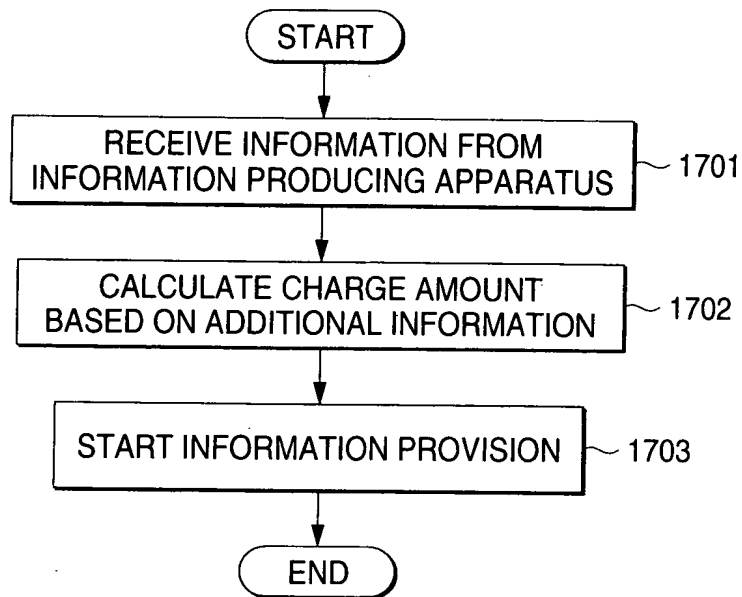


FIG. 17

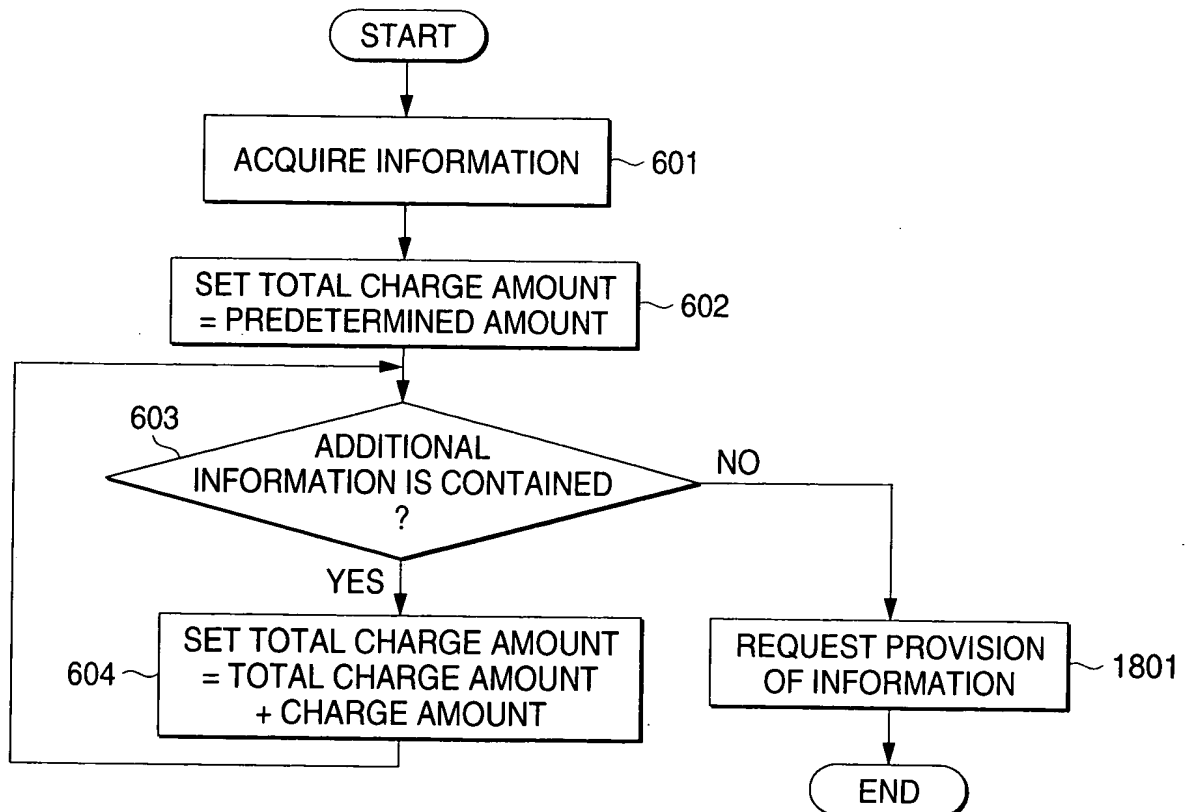


FIG. 18

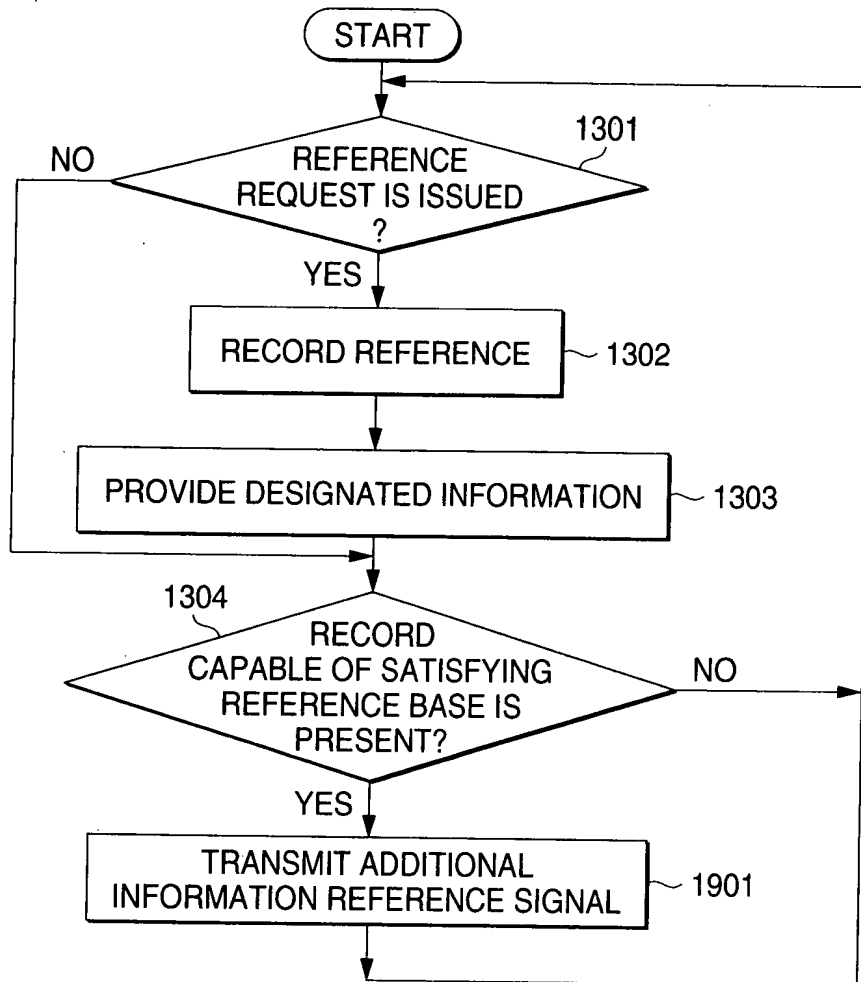


FIG. 19

